

Leading by Example:

Maryland Combats Climate Change

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Parris N. Glendening, Governor
Kathleen Kennedy Townsend, Lt. Governor





Maryland's Strong Economy

- Smart Growth
- From 41st to 15th Fastest Job Growth Rate
- Lowest Unemployment Rate





Maryland's Strong Economy

- Maryland Exports Grew by 8%
- 2001 Government Performance Project
 - B+ Average
 - Tied for 4th Place



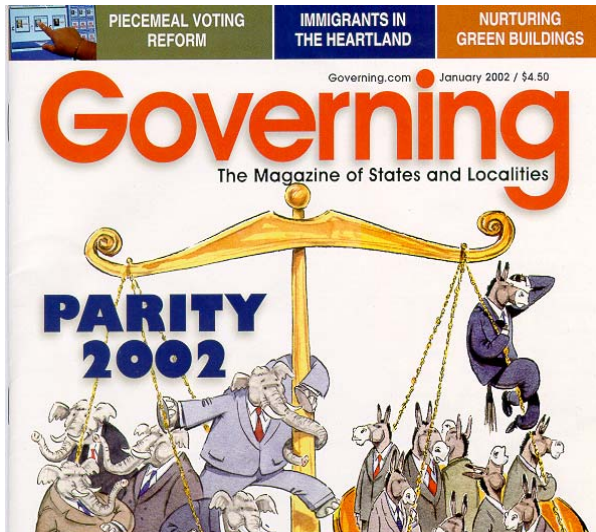


Developing Cost Saving Programs

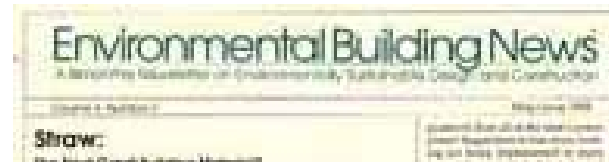
- Stakeholder Process Underway
- Business & Industry Play Significant Role
- Understandable ROI
- Energy Efficiency – A Major Component



Maryland as a National Leader



"One is for States to lead by example ... this past spring, Maryland Governor Parris Glendening signed an **executive order mandating all new state facilities meet certain green criteria.**"



"On March 13, Governor Parris Glendening's Executive Order **made Maryland the first state** to mandate sustainability measures for all government operations in clean energy, green buildings, pollution prevention, and alternative fuel vehicles."



Importance of Green Buildings in Maryland

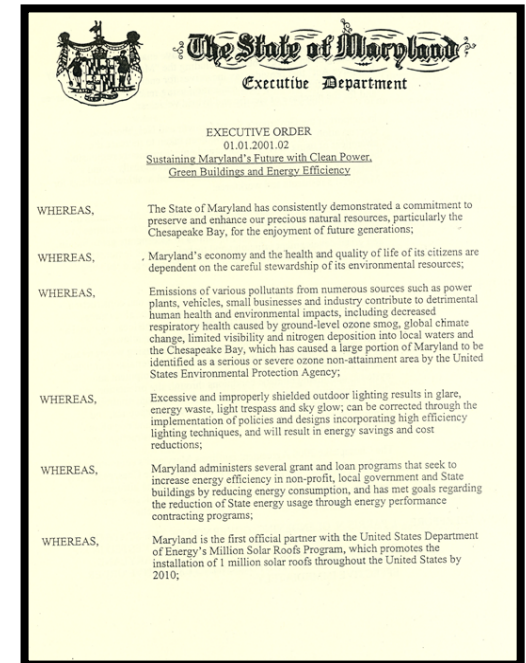
- DGS is responsible for 6.5 million sq ft, plus 4 million sq ft of leased space
- Environmental impact of buildings
 - 30-40% of all energy and emissions
 - 60% of all electricity
 - 25% of all water
 - 30-40% of solid waste
 - 25-30% of all wood & materials





Governor's Green Building Executive Order

- Reduce Electricity Consumption
- Build More Efficient State Facilities
- Promote Cleaner Alternatives of Energy Production
- Potential to Save Taxpayers Millions of Dollars





Governor's Green Building Executive Order

- Secured electricity procurement of 6% emanating from green power
- New Procurement has 20% Green Power Goal
- Design, Construction and Operations of all State-Owned and Leased Facilities by Built to Green Standards
- Creation of Maryland Green Buildings Council





Maryland Green Buildings Council

- Spring 2001
- Adopted LEED Silver Rating
- Governor Encourages Gold



Maryland's Environmental & Smart Growth Policies

- Reduction of Sulfur Dioxide & Nitrous Oxide Emissions
- Reduction of Greenhouse Gas Emissions
- Little Cost to the State





Maryland's Green Accomplishments

- LEED™ Silver Capital Projects Goal
- First State to Incorporate LEED™ Requirements into Lease Procurements





Green Building Case Study: Montgomery Park

- New Home for MDE
- 1.3 million sq ft Building on I-95
- Urban Redevelopment
- Brownfield Site
- High Efficiency, State-of-the-art Systems



Maryland Green Projects Underway

- New Department of Transportation Headquarters
 - Aiming for LEED™ Gold Rating
- Public School Construction Program
 - Some Schools Employ Geothermal Heating





Maryland LEED™ Silver Projects



- Academic Building at St. Mary's College
- Beach Services Building, Gunpowder Falls State Park



Maryland's Energy Saving Efforts

- 9 energy performance contracts saving \$64 million
- Reduced emissions:
 - CO² by 945,000 tons
 - NO_x by 2,700 tons
 - SO² emissions by 5,600 tons
- Eliminating pollution of 186,000 mid-size automobiles or planting 2.8 million trees





Maryland State Initiatives

- **Green Building Tax Incentive Program**
 - Passed by the State Legislature and Signed Into Law by Governor Glendening in 2001
 - Provides Tax Credits for Businesses that Build or Rehab to LEED™ Silver Rating
 - Must be in Smart Growth Area or Brownfield
 - Credits for Renewable Energy





Maryland State Initiatives

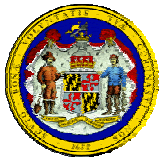
- Maryland Clean Energy Incentive Act
 - Exemption from sales and use tax
 - Energy Star Appliances & Fuel Efficient Vehicles
 - Rechargeable & solar energy systems





What's Ahead?

- Incorporating Energy Star Benchmarking for Commercial Buildings
- Beta Test for LEED™ Existing Buildings
- Partner with Local Communities to Institutionalize Green Building Techniques
- Partner with DOE & EPA



Looking at Maryland's Future

*“Nothing we do will mean more to our children
and to our future generations”*

- Governor Parris N. Glendening





For More Information...

www.dgs.state.md.us

(Click on MD Green Buildings Council Logo)



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